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› TAKSTAR PRO 82 On-Ear Monitor Headphones User Manual

## TAKSTAR PRO82

# TAKSTAR PRO 82 On-Ear Monitor Headphones User Manual

Model: PRO82

## 1. INTRODUCTION

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The TAKSTAR PRO 82 are professional reference and monitor headphones designed for high-fidelity audio reproduction. They feature a high-quality driver unit and a polymer-coated diaphragm, delivering clear sound with excellent resolving power. These headphones are suitable for various applications including recording monitoring, music appreciation, and general listening. The unique three-stage bass adjustment function allows users to customize the sound profile to match different music styles and preferences.



Image 1.1: TAKSTAR PRO 82 On-Ear Monitor Headphones (Silver and Black versions).

## 2. KEY FEATURES

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- **High-Performance Driver:** Equipped with a Ø40mm NdFeB driver for high sensitivity, wide frequency response, and dynamic sound characteristics.
- **Advanced Diaphragm:** Utilizes a polymer-coated diaphragm for pure bass, penetrating midrange, and refined treble.
- **Three-Level Bass Adjustment:** Allows users to adjust bass output according to music style for an optimized listening experience.
- **Ergonomic Design:** Features soft and comfortable ear cushions and an adjustable headband for extended wear without discomfort.

- **Durable Construction:** Designed for reliability and long-term use in various environments.
- **Wide Compatibility:** Compatible with a broad range of audio devices including smartphones, tablets, laptops, and professional audio equipment.

# PRO 82 Monitor Headphone

Music Appreciation

Monitoring

Wired

Head-mounted



- Ø40mm new NdFeB driver features high sensitivity, wide response range and large dynamic
- Adopts high polymer coating diaphragm, pure bass, penetrating mids and exquisite highs
- Soft and comfortable headband and ear pads for long time listening without stress
- Ergonomic design fits different head shapes
- Designed with 3 level bass adjustment function, user can adjust the bass according to the music style to exert the best performance

Image 2.1: Key features of the PRO 82 Monitor Headphone.

## 3. PACKAGE CONTENTS

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Please check the package carefully to ensure all items are present and in good condition.

- PRO82 Monitor Headphone (1 pc)
- Portable Muslin Bag (1 pc)
- Connecting Cable (1 pc)
- Aluminum Alloy Case (1 pc)
- User Manual (1 pc)
- Certificate of Quality (1 pc)

# Product Content

- |                            |     |                           |     |
|----------------------------|-----|---------------------------|-----|
| 1. PRO82 Monitor Headphone | 1pc | 2. Portable Muslin Bag    | 1pc |
| 3. Connecting Cable        | 1pc | 4. Aluminum Alloy Case    | 1pc |
| 5. User Manual             | 1pc | 6. Certificate of Quality | 1pc |



Image 3.1: Product Content - What's included in the box.

## 4. SETUP

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### 4.1 Connecting the Cable

1. Locate the audio input jack on the left earcup of the PRO 82 headphones.
2. Insert the smaller end (2.5mm) of the provided connecting cable firmly into the headphone jack.
3. Connect the larger end (3.5mm) of the cable to your audio source (e.g., smartphone, computer, audio interface). If your audio source requires a 6.35mm (1/4 inch) jack, use the included adapter.

### 4.2 Adjusting for Comfort

For optimal sound and comfort, adjust the headphones to fit your head properly.

- **Headband Adjustment:** Gently slide the headband up or down on both sides until the earcups comfortably cover your ears and the headband rests securely on your head.
- **Earcup Swivel:** The earcups can swivel 90 degrees to adapt to different head shapes and for flat storage. Ensure they are positioned correctly over your ears for a good seal.

## Music Appreciation



Image 4.1: Headband and earcup adjustments for comfortable fit.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Bass Adjustment Function

The PRO 82 headphones feature a unique three-level bass adjustment switch located on the left earcup. This allows you to tailor the low-frequency response to your preference or the specific audio content.



Image 5.1: Three-stage bass regulation function switch.

- **BASS1 (Gear 1):** Standard low frequency (20-200Hz) sound pressure. This is the neutral setting, ideal for monitoring and critical listening.
- **BASS2 (Gear 2):** Low frequency (20-200Hz) increase by 3dB. Provides a moderate bass boost for a fuller sound.
- **BASS3 (Gear 3):** Low frequency (20-200Hz) increase by 6dB. Delivers a significant bass boost for genres that benefit from enhanced low-end.

To adjust, simply slide the switch to your desired bass level. Experiment with different settings to find what best suits your audio material.

## 5.2 Volume Control

The connecting cable may include an in-line remote with volume control. Use this to adjust the listening volume directly from the cable. Ensure your audio source's volume is also set to an appropriate level.

## 6. COMPATIBILITY

The TAKSTAR PRO 82 headphones are designed for broad compatibility with various audio devices.

- Cellphones (Android, iOS)
- Tablets
- Laptops
- Desktop Computers
- MP3/MP4 Players
- Audio Mixers and Interfaces
- Amplifiers (AMP)

## Strong compatibility

It is compatible with most of the mainstream mobile phones, tablets, laptops, desktop computers, Mp3, Mp4, mixer, etc.



ANDROID



IOS



WINDOWS



PC



Image 6.1: Strong compatibility with various devices.

## 7. MAINTENANCE

Proper care and maintenance will extend the life and performance of your PRO 82 headphones.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the headphones. For ear cushions, gently wipe with a slightly damp cloth and allow to air dry completely before use. Avoid using harsh chemicals or abrasive cleaners.

- **Storage:** When not in use, store the headphones in the provided portable muslin bag or aluminum alloy case to protect them from dust, moisture, and physical damage.
- **Cable Care:** Avoid sharp bends or excessive pulling on the connecting cable. Disconnect by gripping the plug, not the cable itself.
- **Temperature:** Do not expose the headphones to extreme temperatures (hot or cold) or high humidity.

## 8. TROUBLESHOOTING

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If you encounter issues with your PRO 82 headphones, please refer to the following common solutions:

- **No Sound:**
  - Ensure the audio cable is securely connected to both the headphones and the audio source.
  - Check the volume level on your audio source and the in-line remote (if applicable).
  - Test the headphones with a different audio source or device to rule out source issues.
  - Verify that the audio output settings on your device are correctly configured for the headphones.
- **Distorted Sound:**
  - Lower the volume on your audio source.
  - Check the audio cable for any damage or loose connections.
  - Ensure the bass adjustment switch is not set to an excessively high level for the audio content.
- **Uncomfortable Fit:**
  - Adjust the headband length on both sides until the earcups sit comfortably over your ears.
  - Ensure the earcups are swiveled correctly to conform to your head shape.

If these steps do not resolve the issue, please contact TAKSTAR customer support for further assistance.

## 9. SPECIFICATIONS

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Feature	Specification
Brand	TAKSTAR
Model Number	PRO82
Driver Type	Dynamic Driver
Driver Size	40 mm
Frequency Range	10 Hz - 20 kHz
Connectivity Technology	Wired
Headphone Jack	3.5 mm Jack
Ear Placement	On Ear
Noise Control	Active Noise Cancellation
Item Weight	1 Kilogram
Carrying Case Material	Aluminum
Bass Adjustment Levels	3

## 10. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the warranty card included in your product package or visit the official TAKSTAR website. Keep your purchase receipt as proof of purchase for any warranty claims.

**Manufacturer:** TAKSTAR